

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
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ITO et al.)
)
Application Number: To be Assigned)
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Filed: Concurrently Herewith)
)
For: MAGNETORESISTIVE MAGNETIC SENSOR AND)
MAGNETIC STORAGE APPARATUS)
)
Attorney Docket No. HITA.0442)

**Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231**

INFORMATION DISCLOSURE STATEMENT

Sir:

The above-referenced application is a Continuation of U.S. Serial No. 09/911,541, filed on July 25, 2001. It includes the same disclosure as U.S. patent application Serial No. 09/911,541.

It is understood that the listed references will be considered in the examination of the application and that no separate copies of the same prior art are required to be provided since they were previously cited or transmitted in the foregoing prior application under 37 CFR Section 1.98(d). Form(s) PTO 1449 is enclosed listing references cited by the Examining Attorney and submitted by applicant in the prior applications.

This Information Disclosure Statement is submitted with the above-captioned U.S. Continuation application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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Form PTO 1449		ATTY. DOCKET NUMBER HITA-0442	SERIAL NUMBER To be assigned
U.S. Department of Commerce Patent and Trademark Office		APPLICANT Ito et al.	
Information Disclosure Statement by Applicant		FILING DATE Concurrently herewith	GROUP

U.S. Patent Documents

Examiner Initial	Cited By Examiner in Parent	DOCUMENT NUMBER	DATE	NAME	CLAS	SUBCLASS	FILING DATE
X		6,114,850	9/5/2000	Hayashi			3/17/98
X		6,365,286 B1	4/2/2002	Inomata et al.			9/2/99
X		6,205,008 B1	3/20/2001	Gijs			5/16/96
X		5,777,542	7/7/98	Ohsawa et al.			8/26/96
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X		5,976,713	11/2/99	Fuke et al.			4/2/98

Foreign Patent Documents

Examiner Initial		DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLAS	TRANSLATION	
							YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

Filed In Parent App.

	X	Mikio Matsuzaki et al, "HDD Recording Density ! Dramatically Improved TMR Head, Realized in 2002", pp. 177-184
	X	J.M. de Teresa, A. Barthelemy, A. Fert, J.P. Contour, R. Lyonnet, F. Montaigne, P. Seneor and A. Vaures, "Inverse Tunnel Magnetoresistance in Co/SrTiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ ; New Ideas on Spin-Polarized Tunneling, 1999 The American Physical Society, Volume 82, Number 21 (24 May 1999), pp. 4288-4291.
	X	Manish Sharma, Shan X. Wang and Janice H. Nickel, "Inversion of Spin Polarization and Tunneling Magnetoresistance in Spin-Dependent Tunneling Junctions," 1999 The American Physical Society, Volume 82, Number 3 (18 January 1999), pp. 616-619

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant